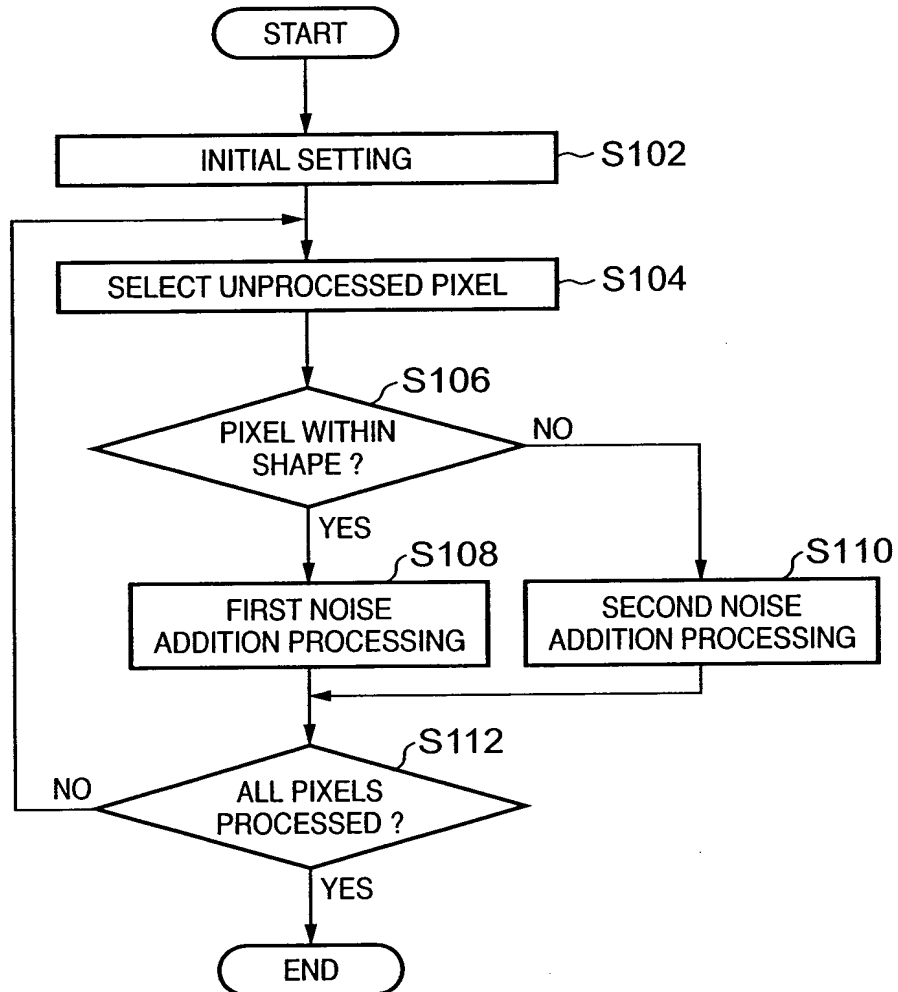
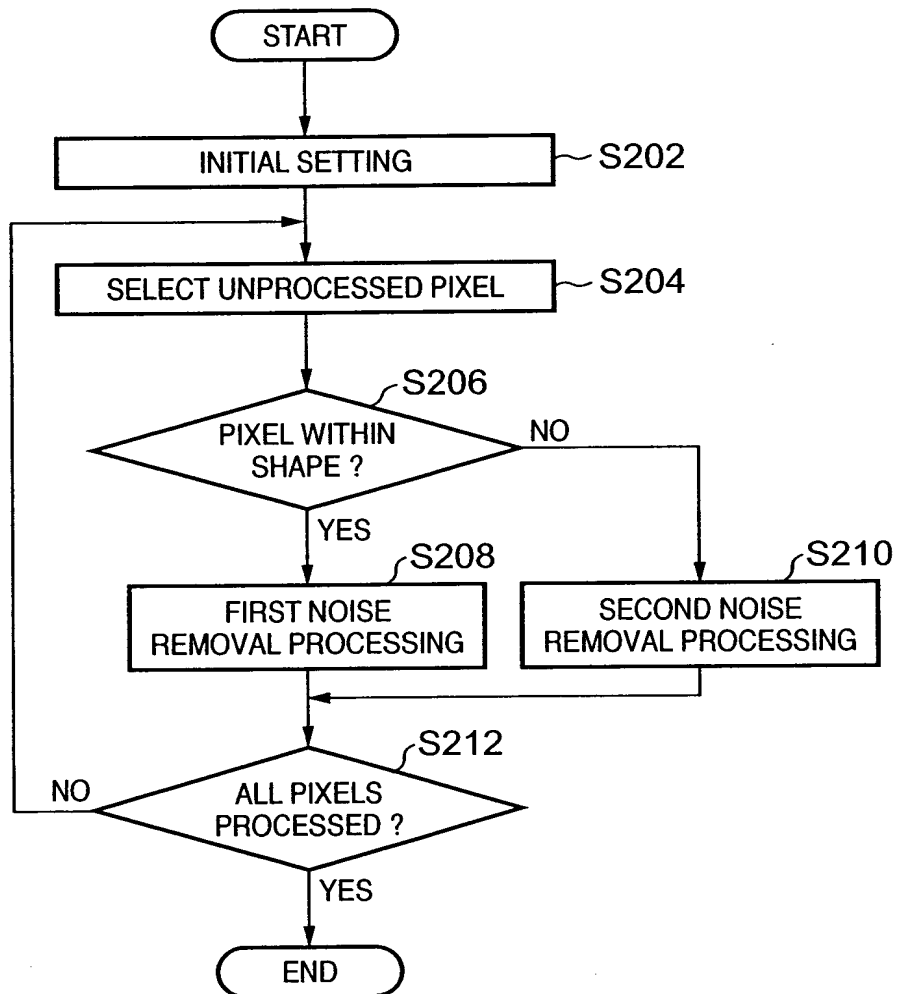
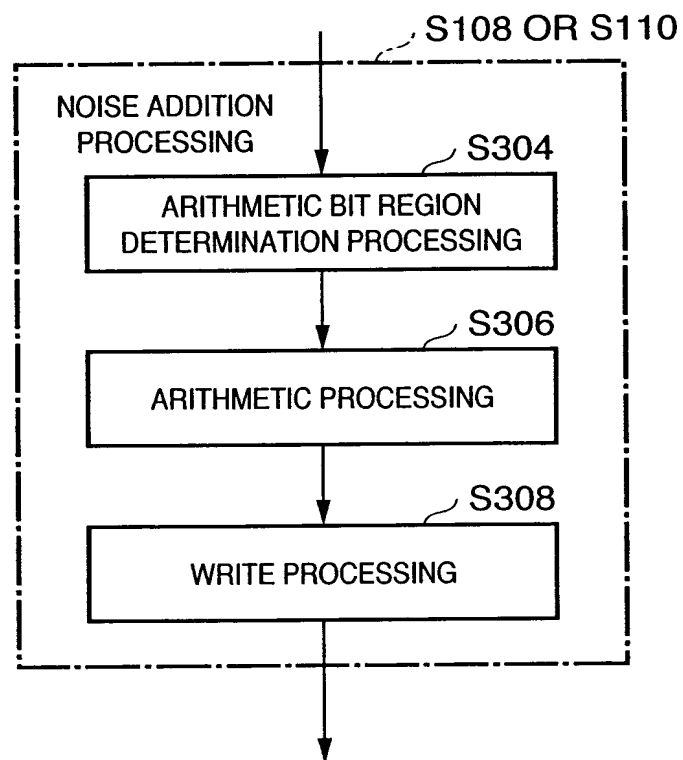
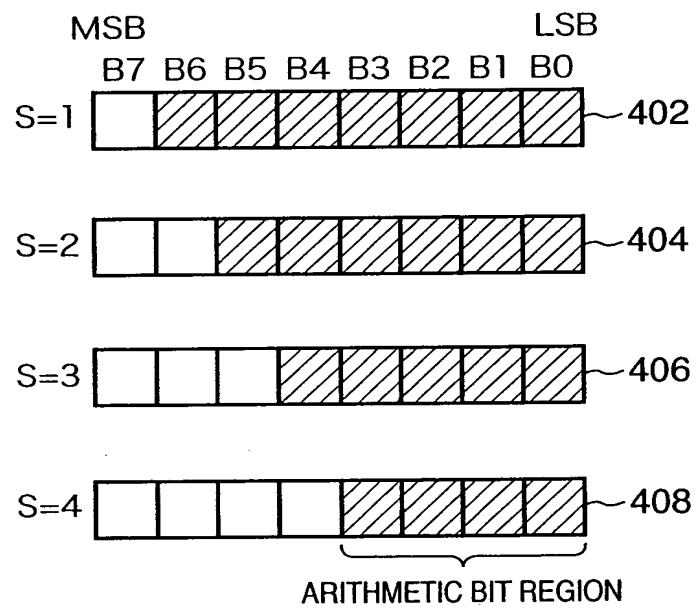
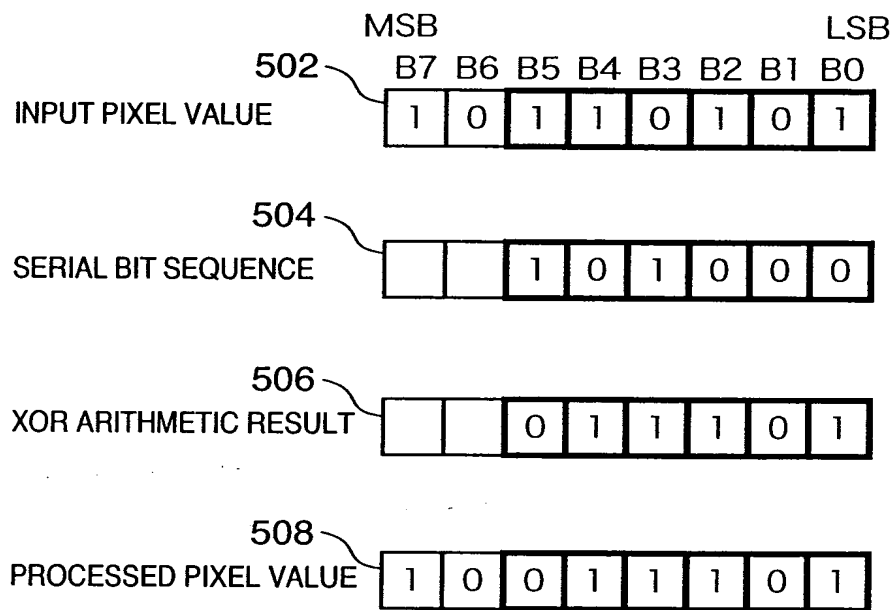


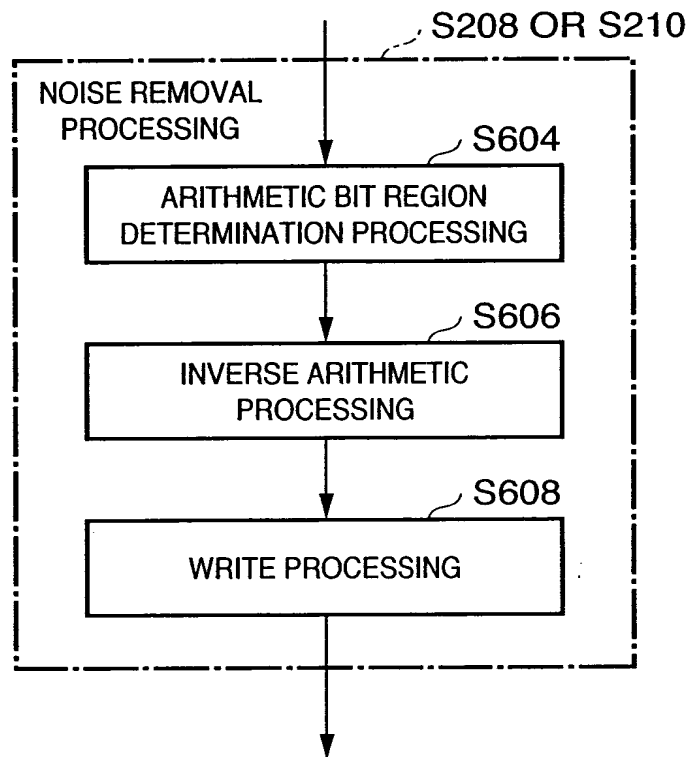
**FIG. 1**

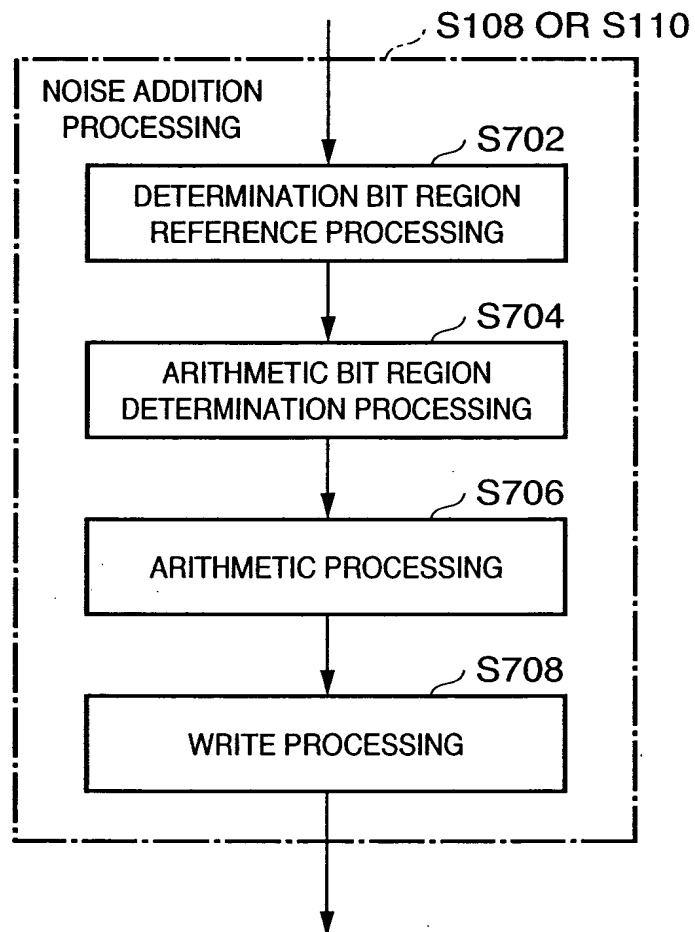
**FIG. 2**

**FIG. 3**

**FIG. 4**

**FIG. 5**

**FIG. 6**

**FIG. 7**

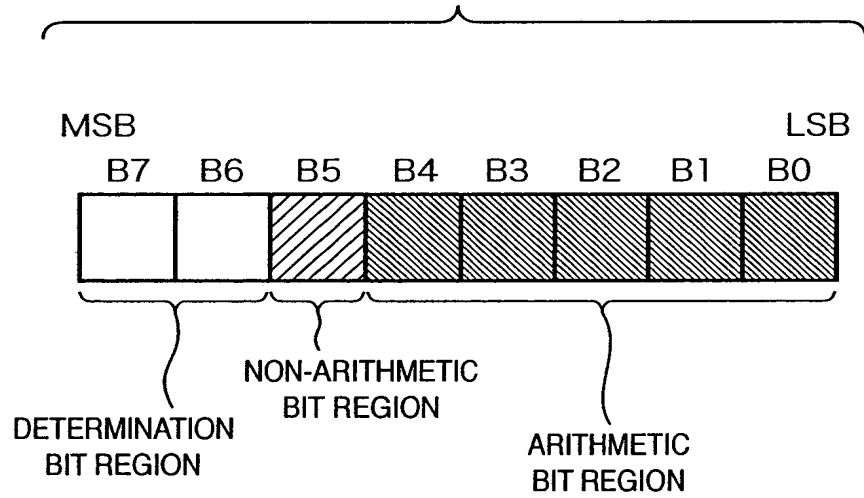
**FIG. 8**



FIG. 9A

The diagram shows two bit regions: a **DETERMINATION BIT REGION** (bits B7, B6) and an **ARITHMETIC BIT REGION** (bits B5, B4, B3, B2, B1, B0). Below these is a table for **FOR S = 1**.

DETERMINATION BIT REGION		ARITHMETIC BIT REGION					
B7	B6	B5	B4	B3	B2	B1	B0
1	1	Y	Y	Y	Y	Y	Y
1	0		Y	Y	Y	Y	Y
0	1			Y	Y	Y	Y
0	0				Y	Y	Y

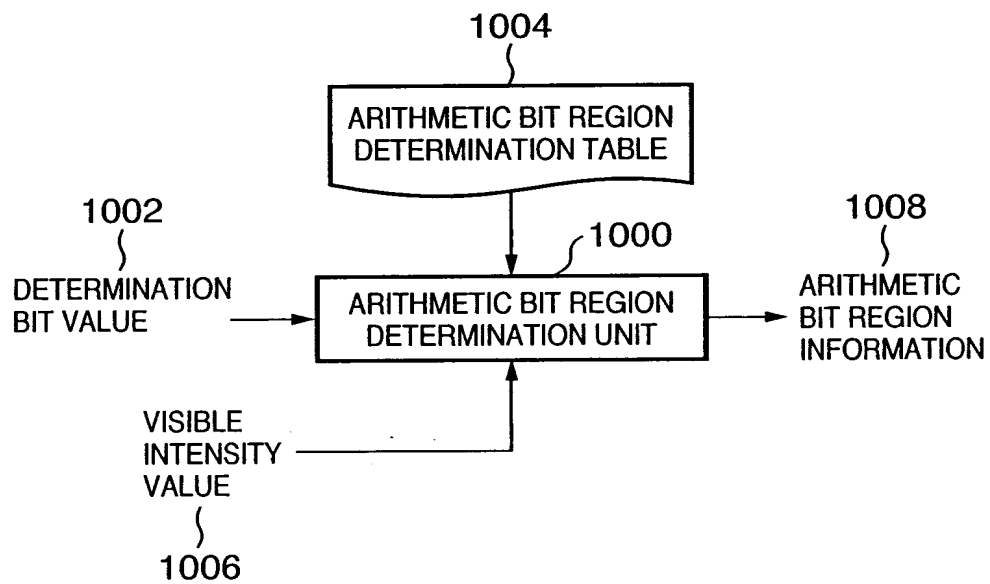
To the right of the table is a vertical stack of boxes labeled **902** containing the values:  $\Delta_{\max}$ , 63, 31, 15, and 7.

**FIG. 9B**

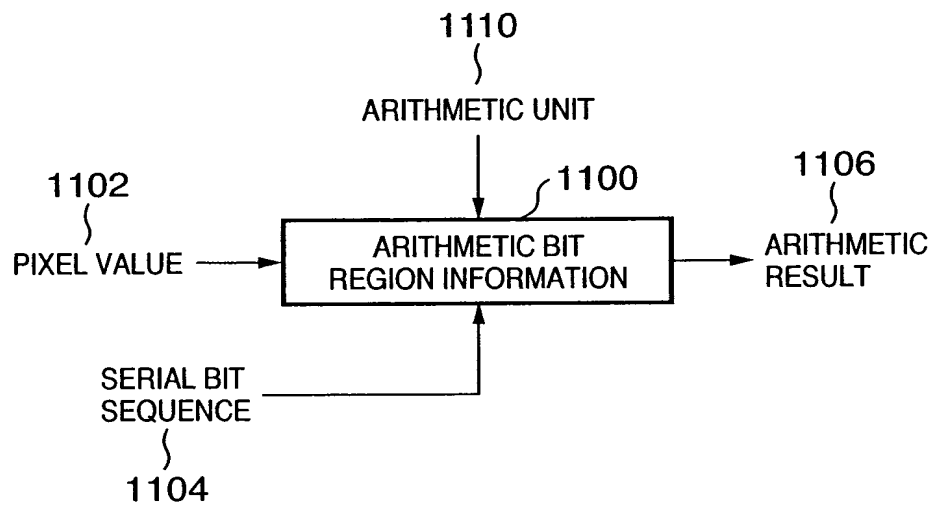
DETERMINATION BIT REGION		ARITHMETIC BIT REGION						$\Delta_{\max}$
B7	B6	B5	B4	B3	B2	B1	B0	
1	1			Y	Y	Y	Y	15
1	0				Y	Y	Y	7
0	1				Y	Y	Y	3
0	0						Y	1

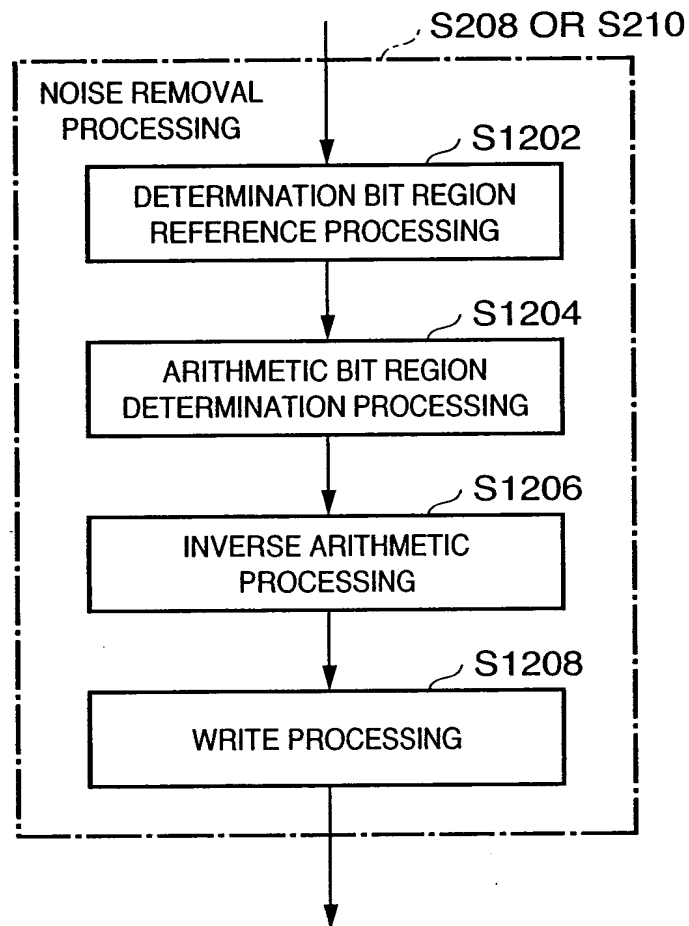
FOR S = 2

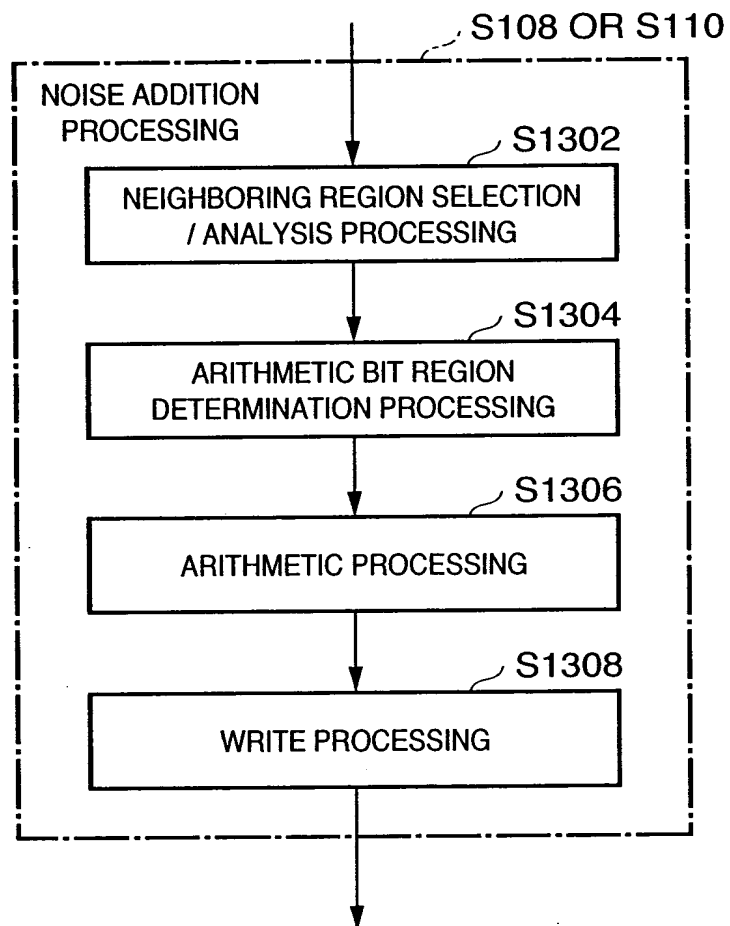
**FIG. 10**

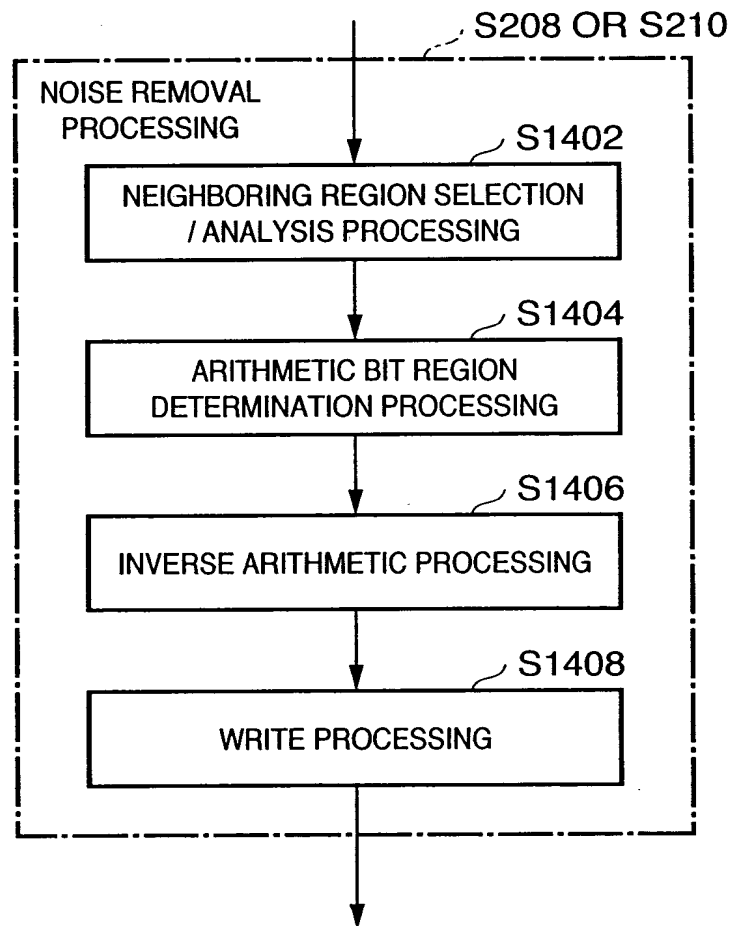


**FIG. 11**




**FIG. 12**

**FIG. 13**

**FIG. 14**

**FIG. 15**

1501

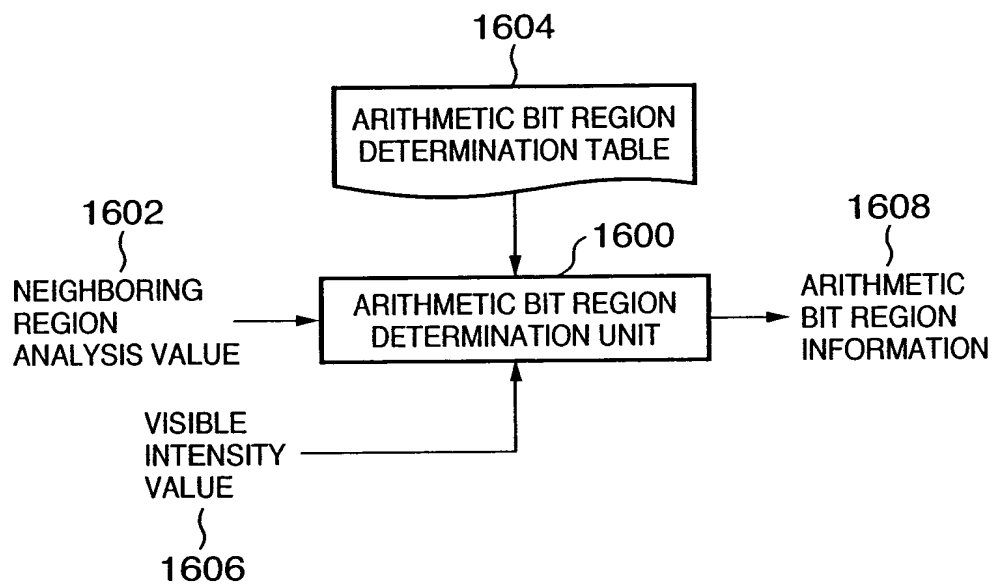


<u>1a</u> 100	<u>2a</u> 104	<u>3a</u> 130	<u>4a</u>	<u>5a</u>
<u>6a</u> 115	<u>7a</u> 112	<u>8a</u> 120	<u>9a</u>	<u>10a</u>
<u>11a</u> 118	<u>12a</u> 112	<u>13a</u> 116	<u>14a</u> 114	<u>15a</u>
<u>16a</u>	<u>17a</u>	<u>18a</u>	<u>19a</u>	<u>20a</u>
<u>21a</u>	<u>22a</u>	<u>23a</u>	<u>24a</u>	<u>25a</u>

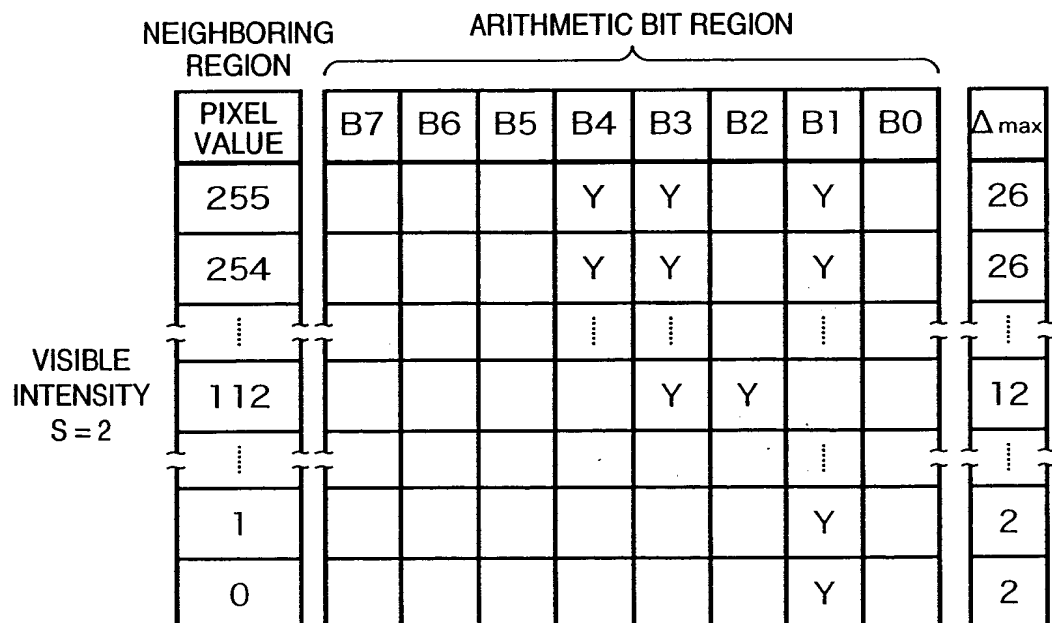


1502

<u>1a</u> 100	<u>2a</u> 104	<u>3a</u> 130	<u>4a</u>	<u>5a</u>
<u>6a</u> 115	<u>7a</u> 112	<u>8a</u> 120	<u>9a</u>	<u>10a</u>
<u>11a</u> 118	<u>12a</u> 112	<u>13a</u> 126	<u>14a</u> 98	<u>15a</u>
<u>16a</u>	<u>17a</u>	<u>18a</u>	<u>19a</u>	<u>20a</u>
<u>21a</u>	<u>22a</u>	<u>23a</u>	<u>24a</u>	<u>25a</u>

**FIG. 16**





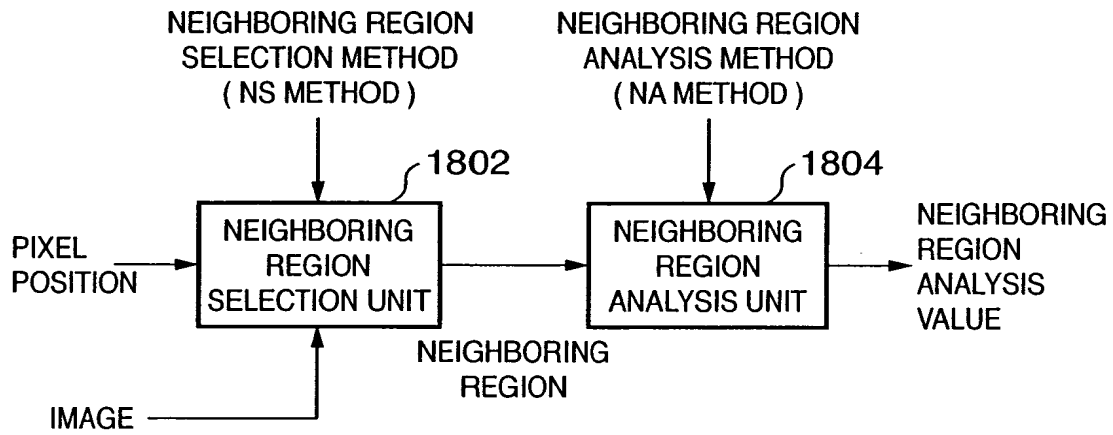
**FIG. 18**

FIG. 19

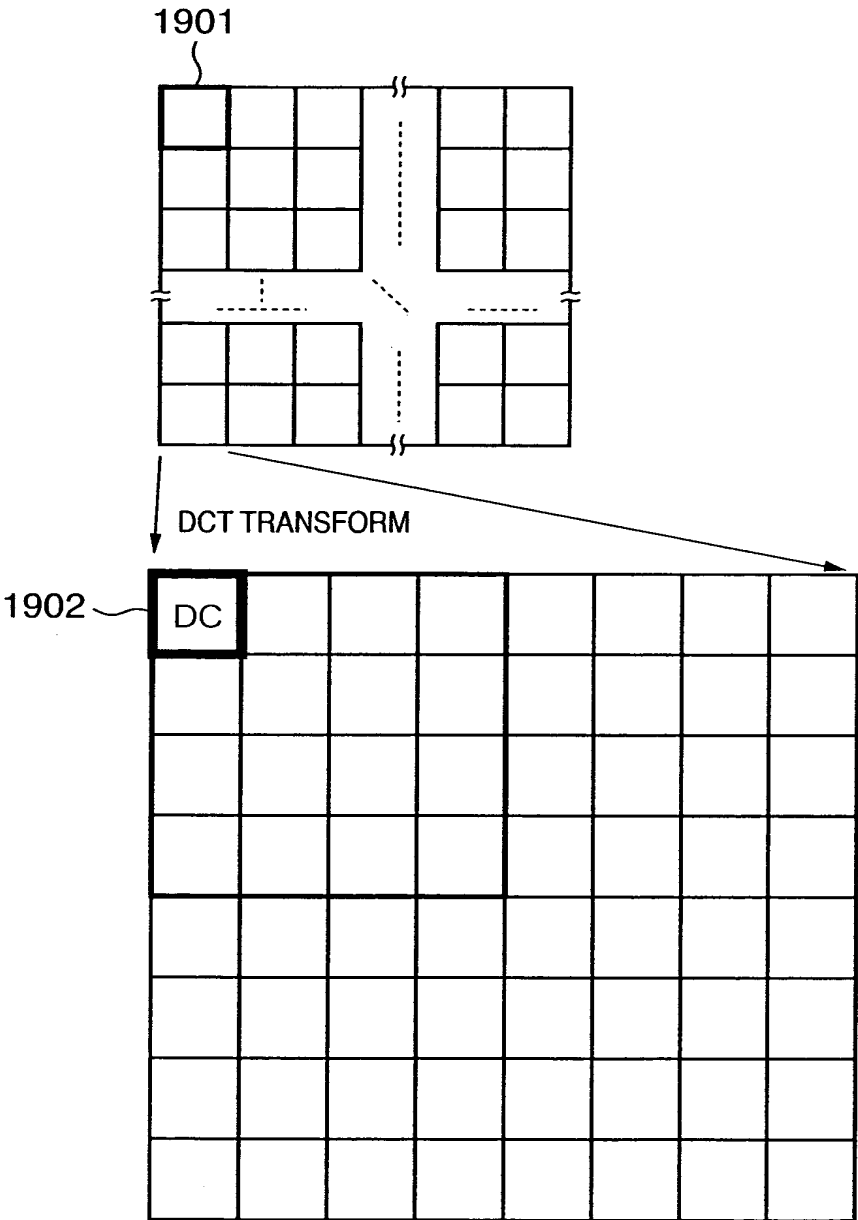
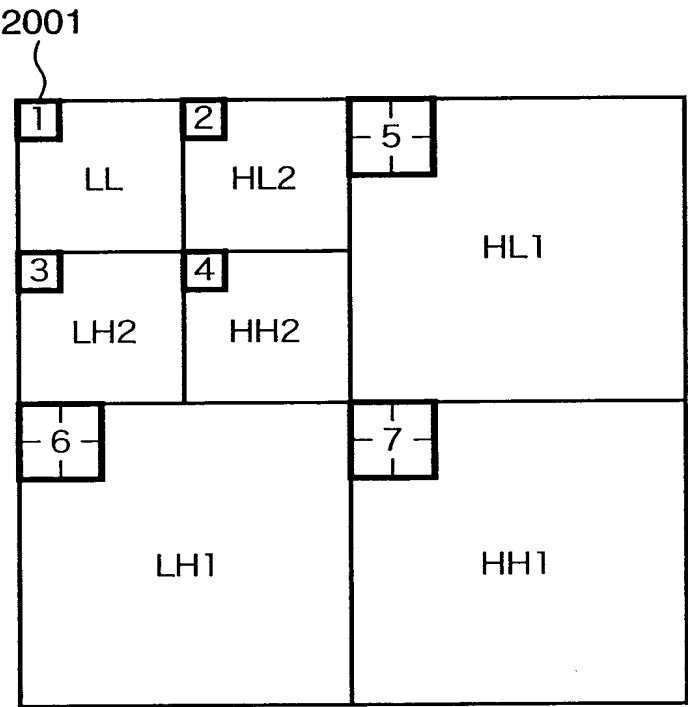


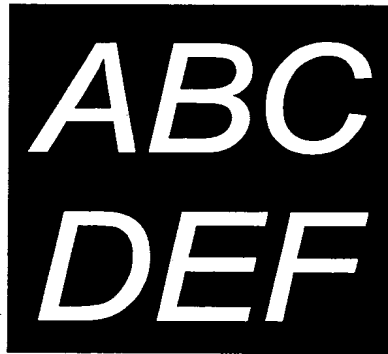
FIG. 20



**FIG. 21**2101  
}

VISIBLE INTENSITY VALUE	DWT COEFFICIENT OF NOISE ADDITION TARGET							
1	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr></table>	1	2	3	4	5	6	7
1	2	3	4	5	6	7		
2	<table><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	1	2	3	4			
1	2	3	4					
3	<table><tr><td>1</td></tr></table>	1						
1								

**FIG. 22**

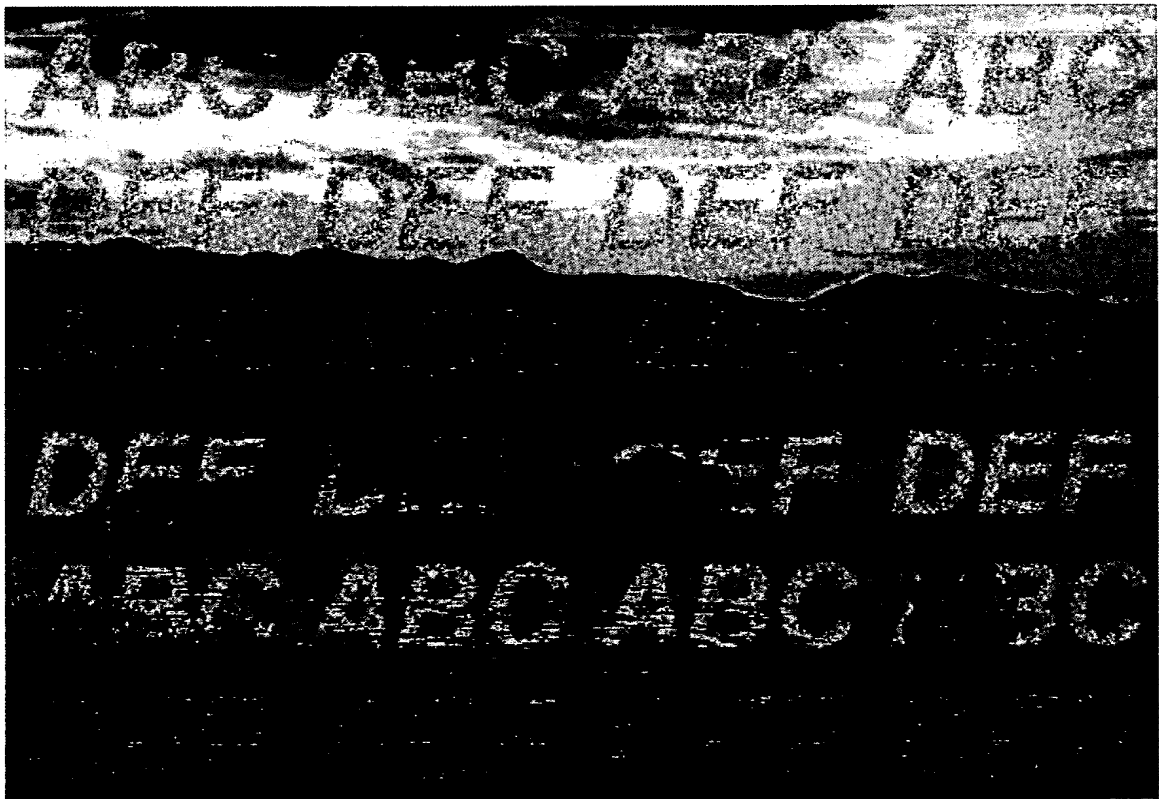


23/25

**FIG. 23**



**FIG. 24**





**FIG. 25**

